a1 cancel

wherein k = 2-12,
m = 2-12, and
R = $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $(CH_2)_3CH_3$, $CH_2C_6H_5$, or $(CH_2)_3SCH_3$.

a2

6. (Amended) The construct according to any one of claims 1-5, wherein the construct is a deformable sheet adapted to conform to a biological surface.

7. (Amended) The construct according to claim 6, further comprising a bioactive agent.

a3

9. (Amended) The construct according to claim 7, wherein the construct comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

17. (Amended) The method according to any one of claim 13-16, wherein the construct also comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

--18. (new) The construct according to any one of claims 1-5, further comprising a bioactive agent.

a4

19. (new) The construct of claim 18, wherein the bioactive agent is selected from the group consisting of antiseptics, anti-infectives, such as bacteriophages, antibiotics, antibacterials, antiprotozoal agents, and antiviral agents, analgesics, anti-inflammatory agents including steroids and non-steroidal anti-inflammatory agents including COX-2 inhibitors, anti-neoplastic agents, contraceptives, CNS active drugs, hormones, and vaccines.

20. (new) The construct according to any one of claims 1-5, wherein the construct comprises an enzyme capable of hydrolytically cleaving the PEA polymer.

21. (new) The construct according to claim 20, wherein the enzyme is α-chymotrypsin.

22. (new) The construct according to claim 20, wherein the enzyme is adsorbed on the surface of the construct.

a4 cancel

23. (new) The construct according to claim 20, wherein the construct contains bacteriophage which are released by action of the enzyme.--